

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: nwqrp@scn.org (SCN User)
Subject: [261] 3rd annual winter sprint!
Message-ID: <199511181756.JAA10443@scn.org>

QRP-L Gang,

Here is a message from NW QRP Club President Bill, N7MFB:

ANNOUNCING
The Third Annual NW QRP Club Winter Sprint

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: Aa4xx <aa4xx@nando.net>
Subject: [254] 40m Meter Beacon
Message-ID: <Pine.SUN.3.91.951118092925.21870A-100000@parsifal.nando.net>

Hi Gang,

The 40 Meter attended beacon will be running Friday, Nov. 24, and Saturday, Nov. 25 on 7004.0 KHz from 8AM-4PM EST. The power output will be 250 microwatts, or 0.00025 Watt!

Previous tests above 7050 KHz have often been clobbered by QRM--hence the move down to the low end of the Extra portion of the band, where life is usually much quieter.

At least two stations have successfully copied previous 100 microwatt beacon strings during crummy Summertime conditions. Now that 40 Meters is settling down, there is a good chance that more stations will be able to copy the micropower beacon.

The beacon message will be as follows:

VVV VVV VVV 250 uW <6 letter codeword> de AA4XX/B

Code speed will be around 10-15 wpm, and the beacon string will repeat after a 2-3 second pause. One hint about the code word--You'll know when you've got it right, because you'll laugh out loud!

A combination of antennas will be used, from omnidirectional low angle radiators to directional high angle types, in hopes of giving everybody a chance.

Every QSL confirming receipt of any part of the beacon string will receive my QSL in return. Any QSL acknowledging the correct copy of the six letter codeword will receive a special Microwatt Certificate. This is my way of wishing you all a great Thanksgiving QRP Holiday. 72, es good luck,

Paul, AA4XX Raleigh, NC (919) 779-1637

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: af840@rgfn.epcc.Edu (Chris W Brakhage)
Subject: [260] 4sale
Message-ID: <9511181754.AA28619@rgfn.epcc.Edu>

To fellow homebrewers;

I have a TEKTRONIX 455 scope for sale.

Two channel 5 mV - 5 V and 50 MHz.

A/B timebase with delay.

\$ 200.00 plus shipping (est. ~ \$40.00).

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: nwqrp@scn.org (SCN User)
Subject: [295] AN/GRC-109 help
Message-ID: <199511200438.UAA12537@scn.org>

Nils and the QRP-L Gang,

You wrote:

"One or two other list members have the 109 or have had one "
"recently. I would like to know if they've found the same"
"low receive signals through the transmitter's "t/r" circuit."

Well, I am one of those owners and I found the same thing. I
decided to use a separate antenna until that one came down in a storm.

THEN I noticed something; when using the tx for a rx antenna source,
the reduction in rx signal strength goes away when the coax connector
in the tx antenna line is slightly unscrewed. Yes, I ran coax to the
tx. I figure somethings getting grounded with the "TR switching"
that shouldn't or vice-versa.

That's all I have so far. Glad You like the rig.

--Brian, KV9X

--

```

      i                      NorthWest QRP Club
-=[scn]=--                  nwqrp@scn.org
      )|(                      / ^ \ ^ \ /  ^^ \
      /_ | _ \             http://www.scn.org/IP/nwqrp/nwqrp.html
                                --NW QRP--

```

From qrp-l@lehigh.edu Sun Nov 19 14:44:00 1995
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: [267] ARRL Handbook -best price?
Message-ID: <Pine.SV4.3.91.951118204047.26605C-1000000@atl1>

Several folks replied to me that if I could put together a group purchase for the 1996 Handbook at \$30 including shipping, they wanted one. Then Steve finds the ad in QST that has an even better deal. For a total of \$28.95 you can get one mailed to you. S00000... I would like to graciously decline the management of a group purchase. So you don't have to look it up:

ARRL: '96 Handbook \$25.95
 Antenna Book \$25.95
 Op Manual \$18.95
QRZ!: CD ROM \$14.95
Callbook: US or int \$24.95 ea
 \$48.25 both
New Radio Amateur Callbook CD-ROM \$33.95

Include \$3 shipping PER ORDER -- CA residents add 7%

Check/m.o. to: D. Heise, AA6EE
 16832 Whirlwind/Q12
 Ramona, CA 92065 Tel. 619-789-3674

Thanks Steve for finding this.

73/72/jim/w4qo

On Thu, 16 Nov 1995, Steven Pituch wrote:

> Page 194 of December QST has a vendor selling the 1996 Handbook for \$25.95
> plus \$3.00 shipping. Not a bad deal. A lot better than the \$38.00 list.
>
> 72/73,
> Steve
> --

72, Bob KI0G
END

Bob Cutter,Glenwood Springs, CO

KI0G

bcutter@teal.csn.net

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: wayneb@on-ramp.ior.com (wayne barnhart)
Subject: [277] chokes
Message-ID: <m0tHG0B-000RuGC@on-ramp.ior.com>

How might one go about designing an RF choke for a given situation like on the collector of an amp? Are you just looking for any "stiff" Xl to get the signal heading for the coupling cap or is there something very definitive here?

Also was wondering if there is any other information on the qrp classic from Oak Hills. Have you built it? How did it go together? How much was spent on it?

Thanks

Wayne Barnhart WB7WHI
Spokane, Wa.

Dirt is good!

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: NYOUNG@nova.wright.edu
Subject: [272] Collins KWM2A &c
Message-ID: <01HXT2UKGXUS8WYQLU@nova.wright.edu>

I got the Fair Radio inter-catalog flier the other day and was amazed to see that they have what used to be standard issue MARS station Collins gear for sale. I figured that the entire package would cost about \$1300, shipping not included.

They have: KWM2A Collins transceivers (the ones that look like the old S-line, but which have a little switch on the band switch knob area for slipping into non-ham (or post WARC) bands. Very nice stuff. Used 'em a lot when

I were a salty dog, matey.

30L1 Collins linear amps (the grounded grid doodads that I think were covered in a not too long ago issue of CQ magazine. Very nice stuff. Damn near bullet proof).

Speaker/Power supply box (not really that big a deal, but if you're gonna fly Collins, you may as well spring for one).

Station Console (with the phone patch and the SWR meter and all that stuff. We used 'em all the time. Even on the Saratoga we had this set up and it was nice. Call anywhere on the ship and patch 'em through to Mom and Pop. Or girlfriends. Whatever.)

Just thought someone might be interested. I would be, if I could save up 1300 dead presidents real quick before everyone else buys up the stock. If only for the memories.

73

Nils

WB8IJN &c

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995

From: Mark D Jarmuz <jarmuz@acsu.Buffalo.edu>

Subject: [273] F/S argonautII with aces....

Message-ID: <Pine.SOL.3.91.951119121704.1326A-100000@lictor.acsu.buffalo.edu>

hi gang.....

i have for sale an argonautII with T/T 937P/S,T/T

705 desk mic.....all in excellent condx.with manuals

and boxes.just over 3 years old..asking fair and honest

price.....please reply via above address or at

716-826-7740....

DAVE...AA2PF....

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995

From: jsbraun@vivanet.com

Subject: [274] FS: Heathkit HW-7 & HWA-7-1

Message-ID: <9511191250.aa06539@vivanet.vivanet.com>

Hi,

I have for sale a Heathkit HW-7 QRP CW Transceiver with the matching HWA-7-1 power supply.

Both in excellent condition w/ manuals, and no mods done.

asking \$100

if interested call me at (716) 367-9826 or E-mail

Thanks / 72

Scott

KB2GWF

From qrp-l@lehigh.edu Sun Nov 19 14:44:00 1995

From: Jim Stafford-W4QO <w4qo@america.net>

Subject: [269] FS: INDEX LABS QRP+>\$499/obo (fwd)

Message-ID: <Pine.SV4.3.91.951118215054.1662B-1000000@atl1>

FYI--->Saw on rec.radio.swap.

73/72/jim/w4qo

----- Forwarded message -----

From qrp-l@lehigh.edu Mon Nov 20 14:45:00 1995

From: "Bill Kelsey - N8ET - Kanga US" <kanga@brutus.bright.net>

Subject: [283] Ft. Wayne Hamfest

Message-ID: <199511200114.UAA09317@brutus.bright.net>

The Ft Wayne (Indiana) Hamfest was thgis weekend. It is a two day hamfest that draws about 5000 people.. I gave a talk on QRP - attended by 8 people - a bit of a disappointment.

The high point of the hamfest was meeting a young ham (high school age) and his Dad who stopped by my table to look at the kits I had and the parts that Buckeye Electronics had on display. We talked for quite a while, and I found that they had a parts list for a QRP rig they were building. Someone had sent them the single sheet instructions and the PC board - Out came the parts list, which turned out to be the list for the Pixie II. Come to find out it was apparently sent to them by none other than QRP-L's own Chuck - K5F0.

That was Saturday. On Sunday I brought him a bag of parts so he could put it together - it has a 3.579 xtal - so listen for a new KB9 on 3.579 in the near future. I did not get a chance to write his call down - perhaps Chuck has it.

Where were all the QRPers that should live in Indiana??

73

73 - Bill Kelsey - N8ET

Kanga US

kanga@bright.net

419-423-4604

<http://qrp.cc.nd.edu/kanga/>

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995

From: NYOUNG@nova.wright.edu

Subject: [290] GRC 109 questions & comments (again)

Message-ID: <01HXUCKIS9KI8WYVXN@nova.wright.edu>

I played with the tx side of the 109 set this weekend. It was quite a deal. Got about 10 watts out, as I figured it. Kinda hard to tell when the antenna hose is a couple wires. It worked real nice and I had a chat with AA80T up in Sidney. He was running an HW16. Two goofballs running old radios. But the shack warmed up nicely, thank you very much.

I tried running the set with tx and rx interconnected as the xeroxed book recommends. Two problems, each mentioned earlier, that I attempted to contend with. Contending is modifying around here, so here's the scoop:

I removed the "xtal control" nonsense on the rx and replaced the xtal "socket" with a switch to cut off the rf amp tube. The other hole is a mini jack, just in case I find a 600 Ohm or 2 kOhm headset that I wanna run there. (The 8 Ohm stuff don't work too good, junior.) So now I can ostensibly put the rx into standby when I transmit. HOWEVER....

However, the amount of rf getting into the rx is very high on tx. I can disconnect the antenna lines from tx to rx and short the rx lines out and still get my ears rung, even with the af gain all the way down. The temptation is to make the switch turn off the IF and AF stages, but that'd kill what sidetone I have. Turning off the B+ to the input (and mixer/osc stage) might be counter productive, since I suspect that the receiver oscillator would swoop back to frequency when I turned it back on (so to speak). And then...

The rx to the rx through the tx "t/r circuit" (you should see this, it's bizarre for tubes) Lemme try this again.....

The rf to the rx through the tx "t/r circuit" is much lower than when hooking the antenna directly to the receiver input. I suspect that there's a couple bumb parts in the tx which run the rf to the receiver antenna hoses. But I've spent the day modifying and I'm just a little tired right now. So I'm carping for advice.

One or two other list members have the 109 or have had one recently. I would like to know if they've found the same low receive signals through the transmitter's "t/r" circuit. If they haven't, then I know I have a problem. If they have, then it's time for more modifications. (I actually considered a "COR" type deal in the rx to sense the high rf from the tx line and dump the antenna to ground at the same time cutting the B+ to the rf amp. Glad I didn't. That'd been a real bummer after all the work that I've done so far. Hmm...)

As they say around here "'S'up?"

73

Nils

WB8IJN &c

Other than that, it's great radio.

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: NYOUNG@nova.wright.edu
Subject: [270] GRC 109: The adventure continues
Message-ID: <01HXT2BU0UMM8WYQLU@nova.wright.edu>

Ok, so I sneaked out of the house, went off to Lima, bought the three boxes of stuff, brought 'em home, went to the book store (they had a sale) and got 23% off the outrageously single-minded rhetoric & linguistics books that I'd ordered and came home and took a nap.

Then I woke up, sneaked the boxes into the radio shack (it is a shack... actually, it was an outhouse once) and checked out the stuff.

Receiver worked at turn-on. I didn't think it was working at first -- and still have to check out the power switch -- 'cause I forgot that tubes have to warm up. Tunes where it otter. Does what it's supposed to. Very simple and compact.

Transmitter was interesting: there's no power switch. Once the plug goes into the power supply, it's on. Tried a bunch of xtals and checked for multiplier operation. Worked good. Worked nice. Very clear, clean keying... at least on the three other radios that I monitored with.

But there's a few catches:

1. No receiver mute. The transmitter signal is so loud in the rx earphones that even with the volume turned all the way down, it's still loud enough to blow out yer ears.
2. No antenna changeover. Actually, I should get used to that, since it's basically the same circuit that's in the NN1G trx kits that Dan's used to sell... Coil and cap and two diodes back to tail. (Actually, I was surprised to see that in this radio, since the power supply has those old finned selenium rectifier doodads in it. Diodes... might be early versions [and we'll never know how efficiently so] of 1N914s or something.)
3. Weird xtal holes. Well, at least they were weird for me. One set is for what I believe is the older FT 243 cases and the other set is obviously for some kind of European size stuff... or the old mounts with the round boxes for the xtal inside. Whatever, I had to make a modified plug to take the tiny little ones that I have. (And I ain't got many... at least for ham bands.)

But I did get a power supply that has a line voltage monitor meter in it. That's pretty neat. And the two boxes did work straight off the shelf. So it was a good deal. Now there's only a couple things to modify. (Yes, I said modify. What do you think this is? Appliance operation?)

1. I gotta figger a way to mute the rx and change the antenna over more efficiently. That and a sidetone what don't split my ears.
2. I gotta figure out where I can get FT 243 style crystals... or figure out how to make a tiny little VFO. (Hmmm... the Oner VFO is tiny, no?)

So there. Save up \$127.20 and figure in some shipping costs and send the money to Fair Radio Sales and get three boxes that look like you're planning an invasion. It was worth it. So there.

WB8IJN &c

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: JessQRP@aol.com
Subject: [285] HF verticals
Message-ID: <951119211941_111248110@emout04.mail.aol.com>

About verticals and the so called no radial verticals.

I have used dipoles and verticals on most of the HF bands. The dipoles were up at about 40 feet and good for 10-80 in a fan arrangement. I also now have a R7 "radialess" vertical and a inverted L on 80 meters that is a vertical as well.

Generally speaking, the R7 is equal to or exceed the dipoles for 1 hop skip. It blows the doors off of the dipoles for DX and greater than 1 hop work. Same with the 80 meter inverted L. The downside is that the verticals are noisier on receive.

I have no experience with the Gap verticals.

Best
Jess

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: dh@deneb.csustan.edu (Doug Hendricks)
Subject: [297] KI6DS CASCADE Sweepstakes Fun
Message-ID: <9511200456.AA22901@deneb.csustan.edu>

I just finished figuring the preliminary log for the SSB Sweepstakes. I worked 109 QSO's (insurance for dupes), 50 ARRL Sections, 33 States, all with the Cascade and a simple wire antenna, the Skelton Cone up 35 feet. The contest was really fun, and there were a few memorable contacts. W8MVN, Ernie, was operating K8DZ, huge signal, they were B class, and after the exchange, said "Hello Doug, good signal. That the Cascade?" I just about fell off the chair. Then he said, "This is Ernie, W8MVN, and I'm looking forward to seeing you again at Dayton. 72". Gosh what a surprise and a nice one too.

Most of the stations I worked were B class, with only 3 Q class stations worked. I did hear KI0G, Bob Cutter of this list and I assume his Cascade. I worked a couple of stations right after Bob. Maybe the guy thought something was wrong with the rig, all of those Q stations! W6MMA was also running a Cascade.

My method was entirely hunt and pounce, with no qsos via cqng. I also took many breaks, Mass, took JoAnne out to Dinner and Breakfast, fixed a friends computer, set up a lab for tomorrow at school, counseled my daughter at college as to the importance of fixing a flat tire and not trying to drive home without a spare, etc. I found that if I would run through the band a couple of times working the loud ones, then wait for an hour for propagation to change, it worked much better than calling 10 times for each qso. You get so that you can tell by listening to the signal whether or not you will make the qso. Also, I am curious. I have a theory that all of the stations in the midwest point their beams towards the east coast for the first part of the contest. Then late Sunday, they point them west for all of us on the left coast. Is this true???? Stations "ears" sure improve late in the contest.

It was fun and the Cascade performed very well. I was extremely happy with the receiver and the ease with which I was able to make contacts. It was a lot of fun. 72, Doug
KI6DS

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: dmedley@indirect.com (David Medley)
Subject: [298] Many Thanks
Message-ID: <199511200643.XAA25055@ns2.indirect.com>

To all those who took the time to reply to my help message re kits many thanks. I did appreciate it particularly the friendly tone of all the messages. I am going to enjoy this list and am so glad I have found it.
73 de Dave KI6QE/VK2IMJ

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: beretta1@ix.netcom.com (LARRY PIKE)
Subject: [300] mfj-432 voice keyer
Message-ID: <199511201129.DAA03985@ix7.ix.netcom.com>

The following comments prompted me to add my two cents...

>From: dgf@netcom.com (David Feldman)
>Subject: Phone SS de WB0GAZ
> "... Other stuff: MFJ-432 voice keyer (junk - never again!)"

Same feelings on the mfj voice keyer! It works one minute then doesn't the next. Have sent it back to mfj for repair (1x) and exchanged it the second time. Just flaky!! Anyone else have the same experiences with

the 432 ???

Next stop for this thing is the junk-box. Plan to buy the Kenwood
dru-2 to put inside the rig.

Cant say much more - my throat is too raw from ss without voice keyer!

72
wd9hcr
larry

From qrp-l@lehigh.edu Mon Nov 20 14:45:00 1995
From: paul1@wizard.ucs.sfu.ca (Paul Erickson)
Subject: [296] n6wg or n6emg de ve7cqk k
Message-ID: <9511200438.AA22820@wizard.ucs.sfu.ca>

Heard you today on 7040 calling cq qrp1. Gave you a couple of calls but
you couldn't hear me. Must confess that I couldn't be certain if your call
was n6emg of n6wg. You were about 539 here in B.C.

cheers, Paul
VE7CQK
email: paul1@wizard.ucs.sfu.ca

From qrp-l@lehigh.edu Sun Nov 19 14:44:00 1995
From: Gateway@BayNetworks.com (Gateway)
Subject: [252] NDN: QRP-L digest 183
Message-ID: <3707891710.8946629@BayNetworks.com>

Sorry. Your message could not be delivered to:

Leslie Dodd,Wellfleet London (The name was not found at the remote site.
Check that the name has been entered correctly.)

From qrp-l@lehigh.edu Sun Nov 19 14:44:00 1995
From: PB13128@deere.com
Subject: [265] NOTE 11/18/95 17:30:45
Message-ID: <DACDXX21.PB13128.594530170095322FDACDXX21@TCP30.DX.DEERE.COM>

From: Peter Beedlow, NN9K

Subject: Fox schedule--week of 19 November

I am the fox, or one of the foxes, the week of 19 November. I will operate as follows:

ALL TIMES AND DATES ARE UTC!!

22 November 0100 to 0130--between 7.110 and 7.120 depending on
broadcast QRM

0130 to 0200--between 7.040 and 7.045 depending on QRM

0200 to 0230--between 7.110 and 7.120 again depending on
QRM

0230 to 0300--between 7.040 and 7.045 again depending om QRM

Please once I have your call don't keep sending it (and I know mine), just send the missing information ie; RST and State or Province.

Tnx es GL.

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995

From: "Jeff M. Gold" <JMG@tntech.edu>

Subject: [302] November Sweepstakes-SSB/QRP

Message-ID: <01BAB721.D8AF97A0@tntech.edu>

Twas a beautiful weekend in North-Central Tennessee. A great weekend to =
enjoy the clean, fresh air and see the wonderful sites that are all =
around the area. I had an out of town relative visiting for the =
weekend, so even more reason to be up and about. I did my job as a host =
and try to ensure a pleasant visit. Then on Saturday evening I took an =

eventful moment to sneak off the the ham shack while everyone else was = occupied. They didn't even know I had snuck out.=20

I closed the door to the shack to help conceal the noise. I turned on my = Omni VI on 20 meters, just before it got too dark and the band would = shut itself off. Boy was there activity on SSB.. I had suspected there = was a SSB contest and was really in the shack to do some hypothesis = testing. Yup, I was correct. Heard a bunch of "CQ SS". Listened for a = while to get the order of the exchange. I believe its something like:

- 1) serial you had for breakfast
- 2) shoe size
- 3) power you are suppose to be using
- 4) somebody's call sign
- 5) the year you went on your first date
- 6) the hospital you were born in
- 7) the last Black and White TV show you remember watching
- 8) your mother's maiden name.

OK, got that all fixed up and I was ready to go. Figured the exchange = wasn't enough of a challenge, so turned the power to QRP. I believe for = other people in this contest their idea of QRP was 1500 watts. My idea = was right under 5 watts. I did have a secret weapon up my sleeve. I have = a quad on 20 meters and figure they should be able to hear me using low = transceiver output power and making up for it with a super-duper = antenna. Now there is a novel concept. I think shoulting QRP into the = mike is a bunch of hog-wash. My believe is that all stations should be = treated equally, so I use my call sign and some carefully planned timing = on the call.

Got on and may a good amount of contacts in the hour I worked in the = evening. At first I only planned on seeing if I could get these = high-powered guys to hear me. I took out a piece of paper and made = columns and wrote down the information. It didn't take long to realize, = I could actually work the contest. I fired up the old computer and got = the CT contest program working. This got me to thinking. I knew I really = couldn't work the contest much because of other obligations. I did have = in the back of my mind that I sure would like to earn that pin for 100 = contacts. I need little motivators like this.

All day on Sunday while doing all types of wonderful family activities I = kept thinking if I could wear everyone out and get back to the house by = 5pm, I might have a shot at my 100 contacts/QRP. I got home and = everyone could barely move after a full day's outside activities. I had = done my chores in the morning and was ready for the contest.

I got in the shack and worked 20 meters till it went bye-bye. I found = that I had very little trouble making contacts. If there was too much = QRM from very strong signals, I would just move on and try another spot =

on my dial. I then switched to my Gap Vertical on 40. My Quad does a great job on many bands, including 80 meters, but on 40 I find the Gap "simply gets results". It was considerably harder making contacts. I found the high band noise level and AM broadcast stations made this band a real challenge. I did work a number of stations on 40.

After I while I went to 80 meters and switched back to the quad. The quad is a resonant antenna on 10-20 meters. I can use a tuner for 30-80. I find for some reason all that wire on the quad does a GREAT job on 80 meters. I wasn't sure that I would be able to do anything with SSB on 80 meters during contest conditions. I know that CW at 5 watts will get through, but had to prove to myself that it would get through on SSB. To my great surprise and satisfaction I had much better success on 80 than 40.

Sometime during all this fun, my 12 year old walked in and inquired what I was doing. He was licensed as a ham when he was 8 years old and holds a General Class license, but never gets near radios. After I explained, he seemed interested. Now this was really unusual. I explained that I was looking for a skilled computer operator to help me achieve my 100 contacts. He sat down at the keyboard and after the second contact really got into the swing of it.

It took just at 5 hours total time of contesting to get my 100th QSO. In the 5 hours I worked 12 contacts on 80 meters, 22 on 40 meters, 48 on 20 meters and 18 on 15 meters. I earned 10,800 points and had worked 54 sections. Not too bad for very low power during a high powered contest

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [259] On OMs by an XYL of a YM
Message-ID: <m0tGqoc-000AplC@rcp.net.pe>

OK, Guys

As for me it has to be ALL or NOTHING. I rather have him in my arms than in the shack. If I ever have to choose between having him in the shack instead of him chasing women, I would rather NOT HAVE HIM AT ALL!
Stella
KA20XG

obQRP from OA4DBO

The subject seems to be QR0! How many XYLs read the list?

Kris

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: N8CQA@aol.com
Subject: [263] Pacificon '95 Pics
Message-ID: <951118150851_110201265@emout05.mail.aol.com>

Gang - Look on the back cover of the 12/95 Worldradio for a picture of KI6DS and the QRP booth (upper right). Guess Doug was really there!

72/73 Buck

Buck Switzer, N8CQA, Marysville, MI
Home (810)364-9640 Fax(810) 364-8179
N8CQA@aol.com / am441@detroit.freenet.org

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: kellner@usa.acsys.com (Richard G. Kellner)
Subject: [287] Panel meters
Message-ID: <9511200231.AA10684@usa.acsys.com>

I ordered a panel meter for my Cascade like the one I used on my Sierra this Friday, and Mouser Electronics is closing them out at \$5.99 each (normally \$12.49). These are Mouser stock # 39TM601 on page 264 of their most recent #584 catalog. These meters are only 1.02" by 1.1", a perfect size for the Sierra/Cascade. They have a sensitivity of

300ua and a scale of 0-15. The 300ua was perfect for my Sierra without a meter amp, even though a 50ua meter is recommended in the manual.

On my Sierra, the meter functions as an S-meter on receive, and a power output meter on transmit.

They will be unavailable after the 100+ are sold out, so I ordered a few extra for myself. Mouser can be reached at 800-346-6873, and there is no minimum order in the USA, Canada and Mexico. Seems like a great deal to me.

72 de Rich W5RXP

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: dgf@netcom.com (David Feldman)
Subject: [293] Phone SS de WB0GAZ
Message-ID: <199511200346.TAA16191@netcom9.netcom.com>

MUCH more difficult than any recent year of memory. 10 never open, 15 was mediocre at best, 20 and 40 jammed, and 80 from Colorado is no fun anyway.

QSO count: 160M (0) 80M (10) 40M (115) 20M (282) 15M (300) 10M (0)
Multipliers: 74, missed WY (always...), AK and MAR.
Equipment: TS940 at 5 watts PEP (Bird 43/peak reading)
Antenna: Telrex TB6EM at 45', Cushcraft 40-2CD at 55', dipole on 80M
Other stuff: MFJ-432 voice keyer (junk - never again!), R/S DSP-40

I think I'll take up dentistry - I have LOTS of experience pulling teeth now!

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: Marshall Emm <75230.1405@compuserve.com>
Subject: [276] QRP info
Message-ID: <951119200446_75230.1405_HHB45-1@CompuServe.COM>

Hi, Dave--

>>I am a newcomer to this list and would like to participate in QRP
>>experiments etc. I live in Tucson AZ.

Welcome to the List! As an almost "neighbor," you may wish to consider joining the Colorado QRP Club, which has national and international membership. I'll send some info to you direct, as the bi-monthly newsletter "Low Down" is worth the price of admission alone, but also too there is a group purchase

arrangement with Oak Hills Research which is open until Nov. 30th.

>>From what I have read most kits are single band jobs
>>although I have seen I think mention of dual banders.

By coincidence [g] OHR makes a dual bander AND a true 4-bander -- both very nice rigs, and note that the bandswitching is on the front panel, no separate modules to store and plug in, which is the case with several of the other multi-band kits currently available.

>>73 de Dave KI6QE/VK2IMJ

Interesting call!

73/72

Marshall

AA0XI/VK5FN (ex VK2DXP)

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: dmedley@indirect.com (David Medley)
Subject: [257] QRP Kits
Message-ID: <199511181628.JAA11838@bob.indirect.com>

I am a newcomer to this list and would like to participate in QRP experiments etc. I live in Tucson AZ. I have been an active ham for 60 years. I would appreciate some info about QRP kits and any recommendations as to which are the best. From what I have read most kits are single band jobs although I have seen I think mention of dual banders. I am an experienced kit builder and home brewer so complex kits are no problem. I look forward to an interesting time on this list.
73 de Dave KI6QE/VK2IMJ

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: BOB.LIESENFELD@hamlink.mn.org (BOB LIESENFELD)
Subject: [266] QRP KITS
Message-ID: <816721319.AA04296@hamlink.mn.org>

Hi dave, you posted a request for others ideas on QRP rigs, so here's mine. I have built some of the Ramsey rigs as well as a few Oak Hills Research kits. I prefer the units from OHR.

I have an OHR Classic, which is a 2 band (40 & 20) xcvr. It is a easy to medium level kit, and went together with little trouble. I would

recommend it highly.

There are *many* people out there producing kits now for the QRP crowd, a real change from say 5-10 years ago.

NorCal has a very FB reputation for good kits as well. I'm sure you will get many posts on this.

Best of luck, and feel free post me if you have questions.

72 Bob WB0POQ

Technology is OUT of control.....

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!

- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995

From: rossi@VFL.Paramax.COM (Pete Rossi)

Subject: [289] QRP SSB SS report

Message-ID: <9511200258.AA06680@gvlf6-a>

WA3NNA

Section: EPA

QRP (S&P MODE)

Q's 60

SECTIONS 60

=====

SCORE 7,200

Heath SB-401 w/final "disabled" SB-301 & Drake 2B. 4-5 watts output
Antennas: dipoles.

On for a about 6 hours total.

Comments:

QRP sure is easier on CW

15 meters sas my best band as far as ease of getting through. 75 meters was really rough compared to CW. Had to stay high in the band to find stations calling CQ without huge pileups.

Heard *nothing* on 10 meters... except for this one lonely guy in Nevada Sunday afternoon calling CQ -- WHO WAS NOT IN THE CONTEST. Where was everybody else?

Noticed *many* more "newer" CK numbers than on CW. Lots of late 80's and 90's on SSB. Shows that the newer guys really don't go for CW as much...

Pete Rossi - WA3NNA
rossi@vfl.paramax.com
Loral Defense Systems-Eagan (formerly Unisys Government Systems Group)
Valley Forge Engineering Center - Paoli, Pennsylvania

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [275] Spectrum Analyzers and Stuff
Message-ID: <199511191949.TAA04055@chuck.dallas.sgi.com>

Gang,

Last week Mike C. (you notice we all know who he is by the abbreviation, 'cuz a dumb TX boy like me can't spell it without it in front of me) posted his findings on the spectrum output vs. power out of a couple of rigs.

Two questions and/or thoughts.

1. Where would one look for a local place to haul any rig into and get a hardcopy of the spectrum output? And not have it cost more than the rig. Seems like a parttime business in the making. I know that some on this group do this at swapmeets. Think you guys should advertise more. Maybe even charge a couple bucks to defray wear and tear on the equipment, gas, setup, entry fees to the fest, etc.

2. Will someone on this group volunteer to do this at Dayton? (I know, wrong group, but I want everyone to get the idea). Announce it so that maybe we could get a comparison of ALL the kits with one standard setup. I know that I'll bring a couple of rigs just for this purpose.

And anyone that does measure the spectrum out of any rig, post it here. This has been done before and it is useful information.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: David Adams <dave@flowserver.stem.com>
Subject: [294] SS
Message-ID: <9511200413.AA05934@flowserver.stem.com>

Ah...I have had a goal of 100 SS contacts for the last 3 years.

I have failed EACH and EVERY year.

QSOs - 103

Mult - 40

Score 8240

YES! Though I must confess, I was only 1/2 QRP. I had to resort to 20m and my 20m antenna is NOT meant for QRP (though I suspect if someone checked my ERP it is! ;-)).

I'd say that 40% of my contacts were on 20, 40% on 40, 15% on 15 and 5% on 10 (Did manage Alaska on 10m...I was impressed...it had been quite).

Next years goal...100 qsos all qrp...gonna have to buy a Cascade when they come available...

73 de dave, n9uxu

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: [301] SS
Message-ID: <Pine.SV4.3.91.951120080433.20904D-100000@atl1>

QSOs 106

Sections 49

Points 10,380

Hours 3:20

Called CQ a few times and got replies but did not work any other Q stns.

Someone made a comment about his antenna not being a QRP antenna but his ERP was probably low anyway. This has been a discussion in the past - whether it is really QRP if you use a decent antenna. I enjoy "low profile" operating as much as anyone, but in contests I like all the help I can get. Hence, TH6DXX at 82' -- all Qs on 20m here on this one. I just love it when someone says "Loudest signal today" or "You can't be a Q category". Not bragging, it just makes me feel good! Ran 4.8 watts with QRP+ so I guess I was.

73/72/jim/w4qo

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995

From: ruswhite@netwest.com (Russell W. White)

Subject: [291] SS Phone

Message-ID: <199511200334.UAA26181@saguaro.netwest.com>

Hello all

Just finished with Phone SweepStakes. At this point, I would really like to run the legal limit for QRP. For me that would be like doubling my power and then doubling it again.

I guess I operated between 15 to 20 hrs and a more polished or experienced technique would probably up my numbers. At any rate, here are my stats.

	QSO's	Multipliers	
15 Meters	59	26	
20 "	34	13	
40 "	8	7	
	-----	-----	
total	101	46	9292 points

This was my first Phone SS (2 weeks ago was my first CW SS).
I came out of it alive and still as crazy as ever.

73 de Russ AB7JX

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: pcalcand@sescva.esc.edu (PETER CALCANDY)
Subject: [292] SWEEPS REPORT
Message-ID: <95111922332798@sescva.esc.edu>

Sweepstakes '95 is over. Had a real rough beginning. Planned on working through the night but 75 meters was rough. Made very few QSO's. Here on Long Island, the noise was exceptional. Between the QRM and QRN (static crashes) my s meter was sitting around an S6-S8. Anyone else find the same situation? Conditions improved Sunday AM. 15 Meters was tops and I spent all my time there when the band was open. 20 meters wasn't bad but the QRM made it tough. 40 and 75 meters had their moments. As soon as the sun went down, seems like everyone made their way to 75 meters. I need to do some antenna work for next year. This means I have to buy the houses on either side of me and erect a pair of tall masts. I am also looking into renting the Goodyear Blimp for the day. Heard very few QRP stations and worked only two. My second contact was with WA3YON who is a member of this list. I know this because he was looking for his FREE BEER after the QSO. Well, write to me and lets make arrangements to meet in some gin mill to collect your prize. I also worked WB0GAZ but he didn't mention anything about FREE BEER but if you are a member of this list, write to me and I will try to send you an IBQ (like an IRQ but a IBQ is an INTERNATIONAL BEER COUPON which can be redeemed in any bar in the world for a glass of the local domestic beer).

132 QSO'S, 264 POINTS X 56 MULTS. = 14,784

wasted around 10 hours on the radio.

Regards,
PEter N2KPY

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [271] SWL GM-20 Kit
Message-ID: <199511190507.FAA03452@chuck.dallas.sgi.com>

Gang,

Well, Friday on the way home stopped at the mail box.
Yep, there is was. A Small Wonders Labs Green Mountain-20
20M Single band Superhet Transceiver Kit from NN1G, Dave
Benson.

Since Phyllis was outta the house doing charity work all day Saturday I had some time to kill :-), so off to work on the kit. In about 7 hours had the board parts all on and the Heterodyne LO aligned. Fired up the first time without a hitch.

The quality of the kit is first rate. Double sided green solder mask with white silkscreen and plated through holes for the PC board. 3.5"x5.0", maybe about 1/16" more.

The kit costs \$72 postpaid from NN1G (see callbook) and archives for more info. He has 20M and 30M (mine's in the mail as we speak) kits available.

I wrote down each step (thus the additional time to complete the kit) that I took in assembly and will enter them into the computer Sunday morning or so. If anyone has a GM-20 yet to be built let me know and I'll email them to you. I found some stuff that might help you and keep you from bumping in to critters in the night.

13 toroids with total turn count at 158 and I counted every one of them twice. :-) But I'm an expert on winding those puppies anyway and I don't mind. Hey, took a ribbon at the TX state fair for my first latch rug. :-)

I will have a technical report as soon as I get the prototype case for it on Monday and get it installed. For those who have been asleep and not taking notes:

- o Green Mountain - 20 from NN1G, a.k.a. Small Wonders Labs
- o Transceiver Kit for board parts only. You need case, connectors (but kit has 0.1" headers with connectors and wire harnesses already done for you) and hardware to get it into an enclosure.
- o Doubly tuned front end to NE602 RF mixer
- o 8.0MHz IF with four crystal filter
- o MC1350 IF amp
- o LM380N-8 audio amp
- o 2SC799 PA with 3W out at max level for this kit (will let you know about final output) variable resistor pot on board to lower output to 0.5W
- o RIT on board
- o QSK solid state keying
- o 3.5x5.0" board with parts on board included in kit
- o many more to be detailed in review form for the group

Dave says not recommended for rank beginner due to 'cozy parts layout', and the board is crowded in a couple of places. If you need help, I have a step by step sequence of parts insertion to minimize getting caught trying to put a small cap in between two crystals and not much room to do it in. Also have some typos that Dave will get fixed in short order, but for the eager beavers like myself, I think these will help. Send me email if you bought a kit.

BTW:

I didn't get the microphone for the SS this weekend. May try 10M tomorrow if it is open.

Film at 11

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: JKXM17A@prodigy.com (KENNETH A SMITH)
Subject: [256] Thursday Fox stuff
Message-ID: <013.05065139.JKXM17A@prodigy.com>

I want to add my agreement with Paul Harden's appreciative comments about AA0XZ's performance as the fox on Thursday.

Greg kindly published his operating schedule well in advance and prudently set it up with time given in both UTC and CST: it was clear and simple and I would recommend it as a model for all future schedule postings.

Like Paul I was astonished to learn that Greg is only a 6 month ham. He handled the pileup like a veteran.

I caught and released the fox with only two calls from my skimpy QRP station consisting of an Argonaut 515 into a half-sized G5RV which, because of restrictions, lays out flat on my roof shingles at about 15 feet. Propagation and a good fox made up for rest of the losses. Nice work, Greg. 73, Allen - AA0YU

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995

From: BOB.LIESENFELD@hamlink.mn.org (BOB LIESENFELD)
Subject: [281] TX/RX IN OHR CLASSIC
Message-ID: <816807684.AA04310@hamlink.mn.org>

Atten all OHR Classic owners....

I have implemented the fix for the interaction of C117/118 in the Classic as detailed in one of the late QRP Quarterlys. I used MMBV3401LT1 PIN diodes as that is what I could lay my hands on. Indeed this fix does work. Please post me if you have any questions.

BTW do most of you find that the volume control runs wide open most of the time, or do I have a bum stage somewhere?

CU

72 Bob WB0POQ

Technology is OUT of control.....

---NoSnail v1.17

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34 Ham Radio Spoken Here!!
- 612/HAM-1010 v.32b Reply to sender @ hamlink.mn.org

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [288] verticals
Message-ID: <199511200235.CAA04555@chuck.dallas.sgi.com>

There are a number of books out on verticals. I recommend the one "Vertical Antennas" by William Orr, W6SAI, and Stuart Cowan, W2LX.

Costs \$11.95 US from Radio Amateur Callbook, Box 2013, Lakewood, NJ 08701

In fact, I was looking at it this morning and on page 12 is a map of the US showing ground conductivity in the US. From the "Reference Data for Radio Engineers" book. NTX, OK, KS, NE, SD, and ND have the highest values with one spot that looks like N CA in the wine valley north of SF CA. Oh, and a little spot in SW UT.

Wonder if Stan N6ULU is in the same area in CA where the value is high? May be why he has a big signal.

Anyway, Bill and Stu make some good points on a number of issues.
If you have a broad antenna, then it is probably not a good one.
A vertical wins over a dipole for DX every time.

If you take note of the big DX and contest stations, they have
yagi's, dipoles, long wires, and a vertical to use the antenna
that is best for the distance they are trying to work. If you
and I have limited space, then we have to make a decision whether
to work local or work DX. Sometimes we get lucky and can do
both, but not usually.

On ground conductivity, I see the east coast has some of the
worst values.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: km@PACT.ORG.PE (Kris Merschrod)
Subject: [258] Verticals - Butternut experience
Message-ID: <m0tGqod-000AqQC@rcp.net.pe>

My HF-5V has been in many sites and always seems to do a good job.
I've never tried tuned radials, just put the best ground to the bease
that I could:

- barbred wire around a compound 1500', three stands
- the metal beams and galvanized roof on an apartment building (up
6 floors)
- the re-rod in the presernt concrete building (up 17 floors)
- On a chimney with bandiron mounting brackets, and
- A balcony iron railing which was set into the cement building.

I think that the present set up is the best so far because of the
height (it is more than a 1/4 wave on 160 meters above the street).

I've added a 30 meter coil to it and it does nicely.

Yes, band width on 80 is narrow, but it covers the whole
band on the rest (not 12 nor 17mtrs).

On the small coil at the base between ground and the feed. I've
fiddled with that at each of the locations and it never seems to make

much difference on the SWR.

For DX compared with a 15 meter dipole on the 15 Meter band, there seldom was any notable difference. Of course with a 2 or 3 element Quad on 15 or 40 meters the Butternut was off! But that would be expected.

The grounding is important. In the present location I tested with the re-rods vs. just a clamp to the concrete. The resonant frequency dropped 300 KCs (on about all bands) when hooked to the re-rods and the SWR at the dip was 1.1 rather than closer to 2:1.

On Gaps. I've worked hams with Gaps from DX locations. They have been strong and in a few cases we did comparisons with dipoles. The GAP was better.

I agree with the general ideas presented -- more radiator surface the better, higher the better, unobstructed the better, more ground the better, fewer coils better, steer clear of traps, feed it higher. If we had our choices and the bank roll we'll probably have 6 element quads on all bands (folks up north would include wire heaters to keep off the ice!), but in the meanwhile I'm in there with my no gain Butternut looking for the fox.

P.S. the butternut breaks down into a six foot package and the customs guys always nod knowingly and offer me good luck on fishing!

Kris
OA4DB0

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: Simon Buxton <sbuxton@ccf.health.nsw.gov.au>
Subject: [279] Wouff Hongs
Message-ID: <Pine.PMDF.3.91.951120112248.559940675A-100000@health.nsw.gov.au>

Hi gang,

I have a 1933 copy of the ARRL Handbook which illustrates the Wouff Hong - it's wooden object of indeterminate shape!

Regards - Simon

||| SIMON BUXTON, NSW Health Dept, 73 Miller St, Nth Sydney, AUSTRALIA |||
||| E-mail: sbuxton@ccf.health.nsw.gov.au CompuServe : 100352,1612 |||

|||----- VK2EII Packet : vk2eii@vk2op.#syd.aus.oc -----|||

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: David Johnson <djohnson@acpub.duke.edu>
Subject: [262] Yikes, more books?
Message-ID: <Pine.SOL.3.91.951118132956.26332A-1000000@godzilla5.acpub.duke.edu>

K7YHA suggested that you need buy a handbook only every
5 years ?

Last one I purchased was 1975, the year I was first
licensed! Egads, I have enough books!

Of course, the above is really "tongue in cheek". I keep
up with projects and circuit designs through all the
ham magazines and club newsletters I receive. But I
don't think the laws of physics have changed much since
1975, so the basic info there is likely to still be valid
:-)

Hey I gotta run and fix up my 160m inverted L. See you on
the TOP BAND (QRP of course!).

Dave

David W. Johnson	QRP ARCI 6546
Amateur Extra WA4NID. Low power enthusiast!	G-QRP 4864
email: djohnson@acpub.duke.edu	NorCal 355
packet: WA4NID@KB4WGA.#DUR.NC.USA.NOAM	TSRAC 3482

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>
Subject: [282] Re: ARRL 1996 Handbook- Whats new this year?
Message-ID: <Pine.SUN.3.91.951119181342.25920A-1000000@ume>

With all this talk about the price, what is the VALUE?
I have a 1994.....do I "NEED" A 96 one?
Whats new and improved?

Dr. Rick Zabrodski BSc, MD, CCFP(E) *

VE6GK

Clinical Assistant Professor * NorCal 519 ARCI 7650 GQRP 8329
Faculty of Medicine, Univ. of Calgary * "Power is no substitute for skill"

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: W3HMS@aol.com
Subject: [284] Re: ARRL 1996 Handbook- Whats new this year?
Message-ID: <951119211229_27867195@emout05.mail.aol.com>

Rick....since I started this Hdbk talk, I will reply. Most of the comments to me suggested that the 1996 Book is much revised so a good value. Many seemed to agree that buying every 3-4 years is enough. 72/73, John W3HMS

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: jim.stafford@wa4bro.atl.ga.us (JIM STAFFORD)
Subject: [278] Re: ARRL Handbook
Message-ID: <8B5335E.01FA000D04.uuout@wa4bro.atl.ga.us>

John, Looks like it would be better if we ordered from the chap on page 194 of the December QST as mentioned in another message. This is not my normal mailing address, my provider seems to be down this weekend! let's keep in touch. 73/jim/w4qo

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: Jim Stafford-W4QO <w4qo@america.net>
Subject: [268] Re: ARRL Handbook -best price?
Message-ID: <Pine.SV4.3.91.951118210116.26605G-100000@atl1>

Darn, I missed that message that said there was a typo. It really seemed too low compared to the other prices, but sent out the message anyway as it was too late to call. Oh well, I am still gonna have to think about my offer as I suspect it could be a lot of work. Right now I get a %25 discount --- so that would be \$28.50 and I guess I can't really mail for \$1.50, so let me think about this some more.

73/72/jim/w4qo

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995

From: Dennis / WR4i <wr4i@nando.net>
Subject: FS: INDEX LABS QRP+>\$499/obo

Index Labs QRP+ for sale. 5w (or less)/all bands+.5 >30mc gen coverage.
built in keyer/LCD display/SCAF digital filter.

10 months old. Still under warrenty. EC. \$499/obo

73,
Dennis,WR4i
Chapel Hill,NC
919.933.7889

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: adams@chuck.dallas.sgi.com (chuck adams)
Subject: [286] Re: Ft. Wayne Hamfest
Message-ID: <199511200222.CAA04522@chuck.dallas.sgi.com>

His name and call was Noel, KB9JHS. Everyone be on the lookout.

dit dit

--

Chuck Adams (K5FO CP-60) adams@sgi.com
Box 181150, Dallas, TX 75218-8150

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: Phil Wheeler <pcw@netcom.com>
Subject: [253] Re: Gap Vertical
Message-ID: <Pine.3.89.9511180645.A1876-0100000@netcom8>

I recently installed and used a GAP Titan DX here in California. On
bands where I could I compared it with a G5RV and a trap dipole.

On 75m the G5RV clearly outperformed the GAP. On 40m the three antennas
were about equal. On 20 meters the dipole was best, GAP second and G5RV
third. I did no comparisons on 15m nor 30m (G5RV did not load well on 30
in my setup ... length of coax or something).

These were not scientific tests, by any means. And, of course, location,
etc. will affect all antennas. BUT my results were remarkably in synch
with the test data reported in the Jan 1995 QST review of the GAP Challenger.

Note that a discussion just following the review questions some of the theoretical basis of GAP-type antennas.

My purpose in buying the GAP was to provide a separate all-band antenna system for my second station (a TS-50S/AT-50 in my living room, when not used as my mobile station), for use during a period of recovery from surgery. I particularly needed 75 meter capability for a net I work there. The GAP did not do the job on 75, and has been replaced by a 75 meter dipole. I've also installed a remote coax switch so I can use my antenna system in either location ... providing a total solution, without using the GAP (which has been re-packaged and sold).

Overall, the GAP is a well-designed antenna (solid construction, easy to assemble, low in space requirements, etc.). It required NO tuning to get satisfactory SWR on all bands -- and readily met all specs. GAP personnel were very helpful when I had some questions (manual is confusing/misleading in some areas). I would guess that it will perform about as well as other all-band verticals. But these antennas are compromises.....there is NO magic (e.g., a 25 ft vertical antenna is not going to do as well as a well-loaded >100 ft wire on 75/80, all other things being equal).

Phil (pcw@netcom.com)
aka w6tuh

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: k8dd@tir.com (k8dd)
Subject: [299] Re: GRC 109: The adventure continues
Message-ID: <9511200428.AA14108@sun>

...snip (as they say on here!!)
>1. I gotta figger a way to mute the rx and change the
>antenna over more efficiently. That and a sidetone
>what don't split my ears.

take a light bulb from the kids night light and two
1n34a's, a box, two panel mount so239's, a tee
connector and a box.

```

                                ant
                                I
rx<---->-----lamp--<<-I
      I      I      I
1n34a's -  v      rx
      ^      -
      I      I
```

I
gnd

lamp is a seven what lamp
diodes are one pointing up and one pointing down
never noticed much difference if the one pointing
up had to be closer to the rx or if the one pointing
down had to be closer, but think i'd rather have the
one pointing down closer to the rx so that the plus
volts would be taken off last. (huh?) used one of
these with a drake b-line at 100 watts long time
ago so i could run full break-in in the traffic nets
after my ole johnson t-r switch broke

>

>

....snip some more

*/

*/ Hank Kohl K8DD k8dd@tir.com

*/ MI-QRP QRP-ARCI G-QRP NorCal ARRL/LM QCWA/LM QCAO/LM

*/

From qrp-l@lehigh.edu Sun Nov 19 14:44:00 1995

From: Phil Wheeler <pcw@netcom.com>

Subject: [255] Re: HF Verticals?

Message-ID: <Pine.3.89.9511180725.A1876-01000000@netcom8>

I can vouch for low noise with the GAP. Had an old Hustler all-band
(pre-WARC) vertical, and it had terrible noise. Replaced it with a trap
dipole in same location and that was a major improvement. GAP Titan
gives a bit more noise than the dipole, but much less than the older
vertical.

Phil (pcw@netcom.com)

aka w6tuh

On Fri, 17 Nov 1995, Nick Franco wrote:

> I've been on this list for some time now and have heard a lot of

> comments about the new GAP Titan.. Sounds like a great antenna. They

> advertise low noise. Is this really true?

>

> I haven't heard anyone ever mention the MFJ 1798 10 band no radial

> vertical. Does anyone have one??? For \$249. in the AES catalog, it
> looks like a good deal. I just never heard any practical reports of
> experiences with it. I don't really care about 6 meters personally
> but the overall antenna sounds like they put a lot of thought into
> the design. I like the idea of the "no radial" approach. I want to
> mount whatever vertical I get on the chimney or roof without wires
> draped all over the place (my XYL is nothing like Mike's - or even
> Ernie's for that matter - hi hi).
>
> So what's the story gang. How do you all feel about no radial
> verticals?
>
> 72,
> Nick - KF2PH
>
> .. . _-
> Nicholas J. Franco Systems/Network Support
> RHIC Project Building 1005, UPTON, N.Y. 11973-5000
> tel: (516) 282-5467 fax: (516) 282-3674
> Ham Call: KF2PH QRP-NE # 349
>
>

From qrp-1@lehigh.edu Mon Nov 20 14:45:00 1995
From: weinfurtner@ouvaxa.cats.ohiou.edu (Greg Weinfurtner)
Subject: [303] Re: Random length wire ant on 160M?
Message-ID: <v01510102acd62f8b1d96@[132.235.72.11]>

>G'day, everyone.
>I have upgraded to General in the past few weeks and have been having
>quite a bit of fun on 80M and above. In order for me to get on the
>air with as small of an investment as I could (to keep the xyl happy)
>I ended up using just a random length wire antenna with a tuner.
>This works quite well on 80 and 40, but last night the bands were
>dead so I decided to listen in on 160 to see what was going on.
>I was suprised to find that the band had quite a bit of activity
>from one end to the other.
>I was able to get a rather good swr (1.3:1) with the 75' antenna
>but my time was short so I didn't try to make any contacts. My question
>for you is that I was wondering if you know of anyone that has used
>just a simple longwire with any success on 160. I am not looking to
>get dxcc on 160. I just want to get on and have some fun. So any
>comments that you may have would be appreciated.
>I can be reached at:
>
>bishopj@pios.com

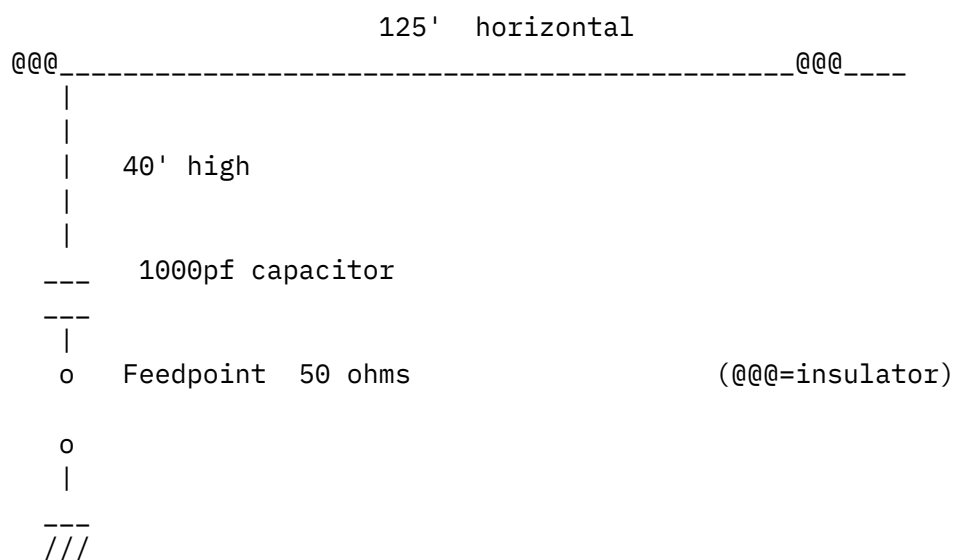
>
>Take care and I look forward to your reply.
>
>

73 de Jeff kb8frw

Jeff,

One of the problems with short, low antenna's on 160 is that their input impedance is very low, usuall on the order of a few ohms or tens of ohms. A very clever trick to overcome this is to intentionally make the antenna too long. This will make the resistance go up, but also add inductive impedance. Simply add a series variable capacitor to tune it out.

I use an "L" shaped antenna on 160 and have had very good results. Here is an ASCII drawing of it. It is a total of 165 feet long and shows an impedance of 50 ohms+j88. It is not necessary to know any math or have expensive imp. bridges to use this ant. Just make the cap variable and you'll be in the ballpark. Adjust with a SWR meter, cut and try adding or subtracting to the length. Its not critical at all. The horizontal part can be routed just about anywhere. Try to make the vertical part as high as possible.



For the ground I've tied everything together, furnace ducts, ground rods, house ground, dogs chain (just kidding! :')) and radial system, with braid from RG 8/U. Does it work? You bet! 49 states on CW including Hawaii, and just about that many on SSB with only 100watts output.

ALSO... I feed it with a tuner as a long wire and with QRP I've worked both coasts. On the higher bands the capacitor's impedance is so low it makes practically no difference if you leave it in or take it out.

GL and CU on 160! 73 de

```
*****
*      NN      N SSSSS 888888 00000 Greg Weinfurtner AEE BSS *
*      N N      N S      8      8 0 0 Electronic Design Splst *
*      N N      N SSSSS 888888 0 0 Ohio University Athens *
*      N N      N S      8      8 0 0 *
*      N      NN SSSSS 888888 00000 *
*
*                                     Canst thou send lightnings *
*      Amateur Radio NS80           that they may go and say *
*                                     unto thee, 'Here we are'? *
*      weinfurtner@ouvaxa.cats.ohiou.edu Job 38:35 *
*****
```

From qrp-1@lehigh.edu Sun Nov 19 14:44:00 1995
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
Subject: [264] Re: [230] ARRL 1996 Handbook
Message-ID: <199511182252.0AA16543@netcom22.netcom.com>

If you're a Californian, you can possibly get a better deal (no tax) from JWO Services, johnw3is@aol.com, 717-731-4747 fax 717-730-9373. He quoted me \$34.50 for a '96 Handbook and the 5th edition Operationing Manual at \$20., handling \$0.40, shipping by USPS at \$4.86 for both. He carries a good selection of books and teaching materials, and can get odd items (like various proceedings) from the ARRL at good prices. He also has a few 1995 Handbooks for \$21., also.

I've gotten a fair amount of books from him, and his service has always been good.

73, doug